



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

May 11, 2010

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

#66 MAY 11, 2010

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

Dear Supervisors:

**CHANGES IN WORK FOR VARIOUS PUBLIC WORKS CONTRACTS
IN THE CITIES OF DOWNEY, INDUSTRY, LA MIRADA,
LA PUENTE, NORWALK, SANTA FE SPRINGS, AND SOUTH GATE;
THE UNINCORPORATED COMMUNITIES OF HACIENDA HEIGHTS AND ROWLAND HEIGHTS;
AND THE ANGELES NATIONAL FOREST
(SUPERVISORIAL DISTRICTS 1, 4, AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for various public works construction contracts in the Cities of Downey, Industry, La Mirada, La Puente, Norwalk, Santa Fe Springs, and South Gate; the unincorporated communities of Hacienda Heights and Rowland Heights; and the Angeles National Forest.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the changes and increased contract amounts for the following construction contracts:

- Project ID No. RDC0011330 - Azusa Avenue over Valley Boulevard, Union Pacific Railroad, and San Jose Creek, to seismically strengthen an existing bridge, in the Cities of Industry and La Puente, being performed by John S. Meek Company, Inc., for changes related to protection of utilities, drilling obstructions, and modifying rod restrainer connections, with an increase in the contract amount of \$41,554.22.

- Project ID No. RDC0013022 - I 105 Corridor Intelligent Transportation System Project, to modify and synchronize traffic signals, install fiber optic equipment, and install closed circuit television cameras, in the Cities of Santa Fe Springs, South Gate, Downey, La Mirada, and Norwalk, being performed by TDS Engineering, for changes to resolve utility conflicts, installing additional conduit, and to meet City of Norwalk permit requirements, with an increase in the contract amount of \$179,170.55.
- Project ID No. RDC0014496 - Pomona Freeway Interchange Improvements, to landscape roadway medians, in the City of Industry and the unincorporated communities of Rowland Heights and Hacienda Heights, being performed by Land Forms Landscape Construction, for a change related to additional concrete removal, with an increase in the contract amount of \$49,734.
- Project ID No. RDC0015294 - Station Fire - Big Tujunga Canyon Guardrail Replacement, to remove and dispose of existing fire-damaged guardrail and timber posts and replace with new guardrail including steel posts, in the Angeles National Forest, being performed by C & W Construction Specialties, Inc., for changes related to the modification of gates, installation of two new gates, and regrading and repairing a pipeline, with an increase in the contract amount of \$50,350.
- Project ID No. RDC0015310 Station Fire - Upper Big Tujunga Canyon Road Culvert Improvement Project, to modify culverts and construct corrugated metal pipe risers and pipe and rail trash racks, in the Angeles National Forest, being performed by Clarke Contracting Corporation, for changes related to additional risers, debris barriers, and modifications to the risers, with an increase in the contract amount of \$84,257.56.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to obtain approval from the County of Los Angeles Board of Supervisors (Board) for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works (Director) or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of the Director's delegated limits, which are required to complete Project ID Nos. RDC0011330, RDC0013022, RDC0014496, RDC0015294, and RDC0015310.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts range from an increase of \$41,554.22 to \$179,170.55.

Funding for these projects is as follows:

Project ID No. RDC0011330 is included in the First Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Project ID Nos. RDC0013022 and RDC0014496 are included in the First and Fourth Supervisorial Districts' Road Construction Program in the Fiscal Year 2009-10 Proposition C Local Return Fund and Road Fund Budgets, respectively.

Project ID Nos. RDC0015294 and RDC0015310 are included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts, for the construction of public works improvements, was awarded by your Board to a responsible contractor with the lowest responsive bid in accordance with the State Public Contract Code, your Board's directives, and as recommended by the Director or her designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER
Director

GF:JTS:ma

Enclosures

c: Chief Executive Office (Lari Sheehan)
County Counsel
Executive Office
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
May 11, 2010

PROJECT ID NO. RDC0011330 - AZUSA AVENUE OVER VALLEY BOULEVARD,
UNION PACIFIC RAILROAD, AND SAN JOSE CREEK (Cities of Industry and
La Puente), Supervisorial District 1, Contractor: John S. Meek Company, Inc.

Project Description:

Seismic strengthening of an existing bridge.

Changes in Work:

(1) Protect Utilities Encountered	\$ 4,184.22
(2) Drilling Obstructions	27,400.00
(3) Hinge Retrofit	<u>9,970.00</u>
Total	<u>\$41,554.22</u>

Description of Changes:

(1) Fiber optic lines were encountered during excavation for the footings. It is necessary to encase the lines in cement slurry to protect them in place. These lines were not shown on the plans.

(2) Various buried objects were encountered at areas designated for pile drilling. The objects prevented drilling of the piles to required depths. The locations of the piles need to be modified in order to avoid the obstructions and achieve the required depths. The contractor will be compensated for impacts to his operations.

(3) The proposed rod restrainers at the bridge hinges cannot be constructed as shown on the plans because the existing steel girders are out of alignment. The original design has to be modified to compensate for existing conditions. The contractor will be compensated for the modified design and the additional material needed.

The cost for Item 1 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 2 and 3 were negotiated as provided in Subsection 3-2 of the contract specifications.

Eleven additional working days will be required because of these changes.

Financial Information:

This project is entirely within the Cities of Industry and La Puente. This project is being administered under the Highway Bridge Program as covered by Agreement 76078 with the State of California. Under this program, Federal funds allocated to local agencies are used to finance a portion of the qualifying costs of the bridge seismic retrofit projects. The remaining portion of the costs of the project is funded with State Proposition 1B Local Bridge Seismic Retrofit funds. Qualifying costs are apportioned 88.53 percent Federal and 11.47 percent State Proposition 1B. Funding for these changes in work is included in the First Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$2,605,662.00
Changes in work previously approved by your Board	13,959.85
Changes in work to be authorized	<u>41,554.22</u>
Revised contract amount	<u>\$2,661,176.07</u>
Percent total change to original contract amount	2.1%

MR:en

CHANGE IN WORK (AUTHORIZE)
May 11, 2010

PROJECT ID NO. RDC0013022 - I-105 CORRIDOR INTELLIGENT
TRANSPORTATION SYSTEM PROJECT (in the Cities of Santa Fe Springs, South
Gate, Downey, La Mirada, and Norwalk),
Supervisory Districts 1 and 4, Contractor: TDS Engineering

Project Description:

Modifying and synchronizing traffic signals, installing fiber optic equipment, and installing closed-circuit television cameras.

Changes in Work:

(1) Revise Conduit Alignment	\$ 21,080.00
(2) Install Additional 4-inch PVC Conduit	114,590.55
(3) Additional Permit Requirements	35,000.00
(4) Install 4-inch PVC Conduit	<u>8,500.00</u>
Total	<u>\$179,170.55</u>

Description of Changes:

(1) It is necessary to change the conduit alignment to avoid conflict with existing utilities. This work is not shown on the plans.

(2) To meet the intent of the design, it is necessary to install additional conduit on Imperial Highway from Paramount Boulevard to Older River School Road. This work is not shown on the plans.

(3) In order to comply with the City of Norwalk's permit requirements, it is necessary to backfill all trenches with slurry, cold mill the roadway, and repave it with rubberized asphalt. This work is not shown on the plans.

(4) It is necessary to excavate a trench to install 4-inch PVC conduit in Imperial Highway instead of directional drilling due to conflicts with an existing drainage culvert.

The costs for Item 1 and a portion of Item 2 will be based on contract unit prices. The costs for Items 3 and 4 will be based on a time and materials basis as provided in Subsection 3-3 of the contract specifications. The remainder of the cost for Item 2 will be negotiated as provided in Subsection 3-2 of the contract specifications.

Forty-five additional working days will be required because of these changes.

Financial Information:

These changes in work are included in First and Fourth Supervisorial Districts' Road Construction Program in the Fiscal Year 2009-10 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$1,274,589.00
Changes in work previously approved by the Board	97,398.94
Changes in work to be authorized	<u>179,170.55</u>
Revised contract amount	<u>\$1,551,158.49</u>
Percent total change to original contract amount	22%

KA:en

CHANGE IN WORK (AUTHORIZE)
May 11, 2010

PROJECT ID NO. RDC0014496 - POMONA FREEWAY INTERCHANGE IMPROVEMENTS (City of Industry and the unincorporated communities of Rowland Heights and Hacienda Heights), Supervisorial Districts 1 and 4, Contractor: Land Forms Landscape Construction

Project Description:

Landscaping of roadway medians including planting of trees, shrubs, and groundcover; construction of stamped colored concrete river rock pavement, and an automatic irrigation system; and the performance of other appurtenant work.

Change in Work:

Concrete Removal	\$49,734.00
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Description of Change:

The quantity of concrete in the medians to be removed is significantly higher than the estimated bid quantity. Removal of this concrete is needed in order to complete the work in accordance with the plans.

Eleven additional working days will be required because of this change.

Financial Information:

A portion of this project is within the City of Industry. A County-City Cooperative Agreement provides for the County to perform the preliminary engineering and administer the construction of the project under the Federal Transportation Enhancement Activities Program with the City and the County to finance their respective jurisdictional shares of the non-Federally reimbursable portion of the project cost. This project is included in the First and Fourth Supervisorial Districts' Road Construction Programs in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$624,019.50
Changes in work to be authorized	<u>49,734.00</u>
Revised contract amount	<u>\$673,753.50</u>
Percent total change to original contract amount	8%

CSM:ma

CHANGE IN WORK (AUTHORIZE)
May 11, 2010

PROJECT ID NO. RDC0015294 - STATION FIRE - BIG TUJUNGA CANYON ROAD GUARDRAILING REPLACEMENT (in the Angeles National Forest), Supervisorial District 5, Contractor: C & W Construction Specialties, Inc.

Project Description:

Removal and disposal of existing fire-damaged guardrail and timber posts and replacement with new guardrail including steel posts and the performance of other appurtenant work.

Changes in Work:

(1) Extend Gates	\$ 9,300.00
(2) Fabricate and Install Gates	30,000.00
(3) Additional Grading	10,300.00
(4) Repair Pipeline	<u>750.00</u>
Total	<u>\$50,350.00</u>

Description of Changes:

(1) The road profile at the locations where gates were recently installed is pitched and there is a large opening between the bottom of the gates and the road. In order to prevent access from under the gates, the gates will be extended to seal the opening.

(2) To allow the closure of County-maintained roads during times of emergency, it is necessary to install gates at the entrance to the roads. The work includes fabricating and installing two gates. This work is not shown on the plans.

(3) Several locations were regraded in order to install the guardrailing to State requirements.

(4) It is necessary to repair an unmarked fire suppression pipeline broken during the installation of the road closure gates on Big Tujunga Canyon Road.

The costs for Items 1, 2, and 3 were negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 4 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Thirty-five additional working days will be required because of these changes.

Financial Information:

This repair is necessary as a result of damage caused by the Station Fire. We are seeking reimbursement for a portion of the project cost under Federal and State disaster assistance programs. Funding for these changes in work is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$362,668.21
Changes in work previously approved by your Board	118,000.00
Changes in work to be authorized	<u>50,350.00</u>
Revised contract amount	<u>\$531,018.21</u>
Percent total change to original contract amount	46%

CSM:ma

CHANGE IN WORK (AUTHORIZE)
May 11, 2010

PROJECT ID NO. RDC0015310 - STATION FIRE - UPPER BIG TUJUNGA CANYON ROAD CULVERT IMPROVEMENT PROJECT (in the Angeles National Forest),
Supervisory District 5, Clarke Contracting Corporation

Project Description:

Modification of culverts, construction of corrugated metal pipe risers and pipe and rail trash racks, and the performance of other appurtenant work.

Changes in Work:

(1) Additional Riser and Rail Debris Barrier	\$16,500.00
(2) Additional Riser Windows	7,757.56
(3) Additional Riser Extensions	<u>60,000.00</u>
Total	<u>\$84,257.56</u>

Description of Changes:

(1) It is necessary to install a 24-inch riser to the culvert at mile marker 2.16 to provide for proper drainage. Also, a debris rail barrier will be installed at mile marker 80.05 to prevent debris from entering the culvert.

(2) It is necessary to cut additional inlet windows in the risers to accommodate low flows of stormwater.

(3) It is necessary to extend the risers at several locations on Upper Big Tujunga Canyon Road and Big Tujunga Canyon Road to handle larger accumulations of debris and properly drain stormwater.

The cost for Item 1 will be based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Thirty-eight additional working days will be required because of these changes.

Financial Information:

This repair is necessary as a result of damage caused by the Station Fire. We are seeking reimbursement for a portion of the project cost under Federal and State disaster assistance programs. Funding for these changes in work is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2009-10 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$254,740.00
Changes in work to be authorized	<u>84,257.56</u>
Revised contract amount	<u>\$338,997.56</u>
Percent total change to original contract amount	33%

CSM:ma